SAMSUNG

MICRO COMPONENT SYSTEM

MM-ZJ6

SERVICE Manual

MICRO COMPONENT SYSTEM

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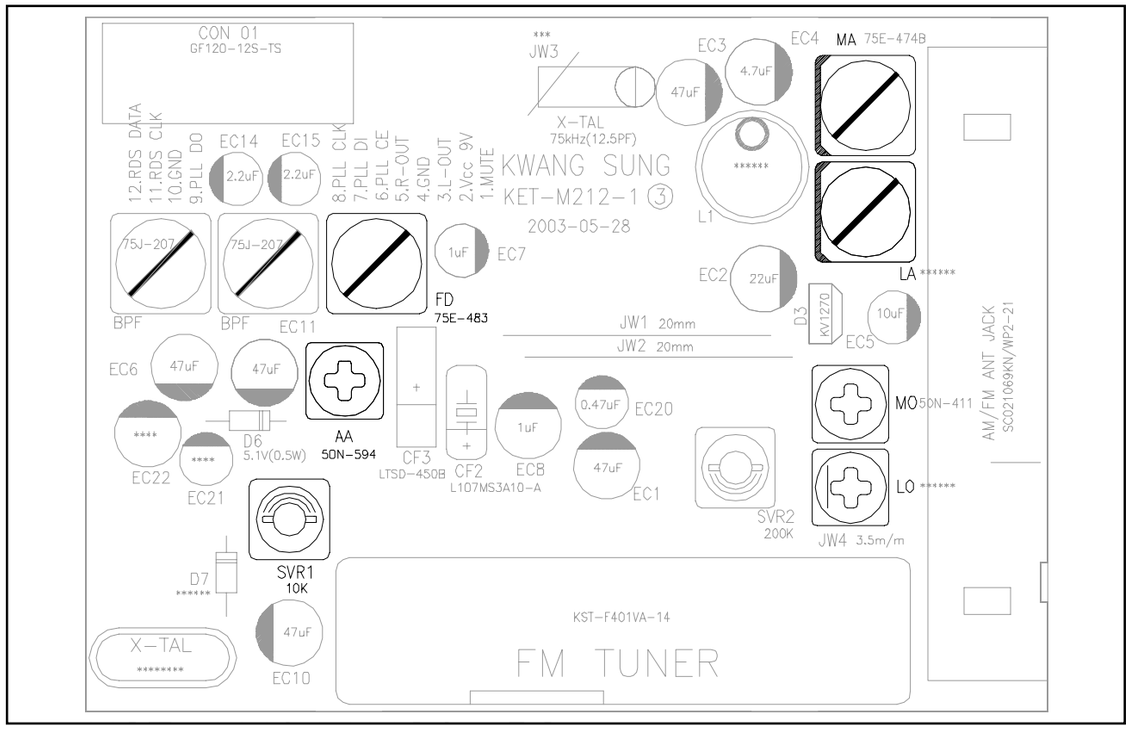
- Confidential -

Notice !! You can search for the updated part code through ITSELF web site.
URL; http://itself.sec.samsung.co.kr

1. Alignment and Adjustments

1-1. Tuner



* Adjustment Location of Tuner PCB

ITEAM	AM(MW) OSC Adjustment	AM(MW) RF Adjustment	LW OSC Adjustment	LW RF Adjustment
Received FREQ.	522~1611 KHz	594 KHz	146~290 KHz	150 KHz
Adjustment point	MO	MA	LO	LA
Output	1~7.0±0.5V	Maximum Output(Fig1-4)	2~7.0±0.5V	Maximum Output(Fig1-4)

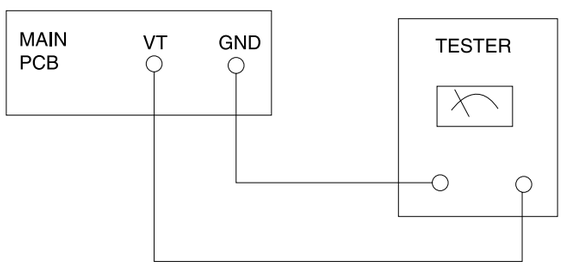


Fig 1-4 OSC Voltage

FM THD Adjustment	
SSG FREQ.	98 MHz
Adjustment point (FM DET)	FD
Output	60 dB
Minumum Distortion (0.4% below) (Figure 1-1)	

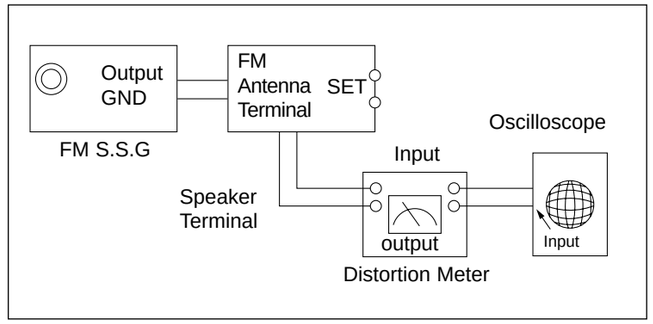


Figure1-1 IF CENTER and THD Adjustment

FM Search Level Adjustment	
SSG FREQ.	98 MHz
Adjustment point (SVR1)	SVR1 (10KΩ)
Output	28 dB(±2dB)
Adjust SVR1 so that “TUNED” of LCD is lighted (Figure 1-2)	

*Adjust FM S.S.G level to 28dB

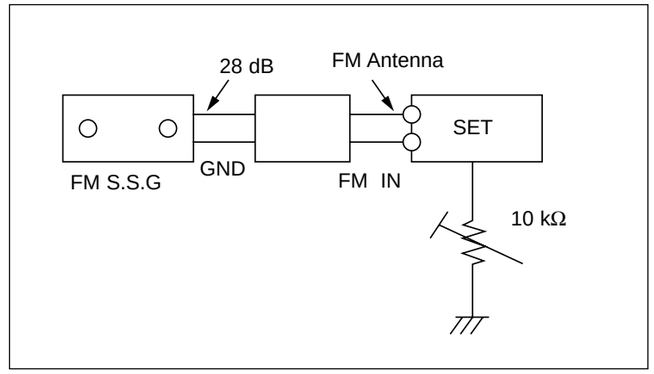


Figure1-2 FM Auto Search Level Adjustment

AM(MW) I.F Adjustment	
SSG FREQ.	450 kHz
Frequency	522 kHz
Adjustment point	AA
Maximum output (Figure 1-3)	

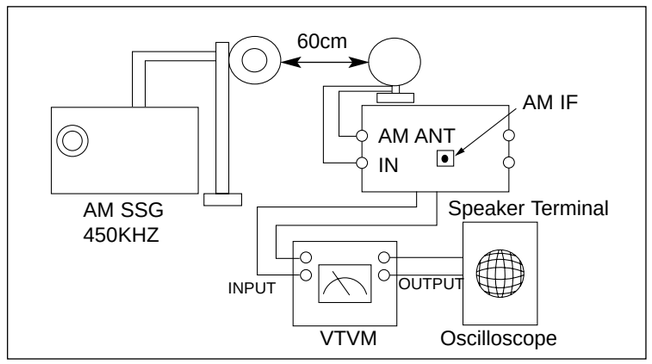


Figure1-3 AM I.F Adjustment

Alignment and Adjustments

2. Cassette Deck

2-1. To Adjust Tape Speed

Notes

1) Measuring tape: i) MTT-111 (or equivalent)
(Tapes recorded with 3kHz)
ii) MTT-5512 (or equivalent)
2) Connect the SPK OUT of the MAIN PCB to the frequency counter as in figure 1-5.

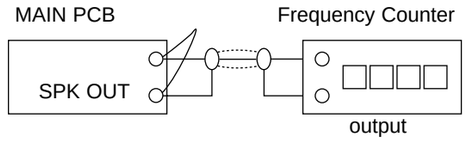


Figure 1-5

Step	Item	Pre-Setup Condition	Pre-Setup	To Adjust	Standard	Remark
1	NOR SPEED Control	SPK OUT (connected to the frequency counter)	1) Deck :MTT-111 2) Press PLAY SW button	Fixed	3KHz	±1% range

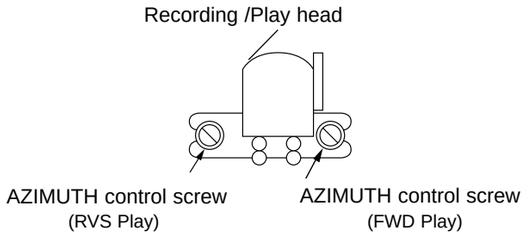


Figure 1-6

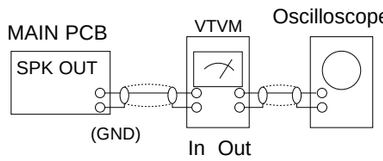


Figure 1-7

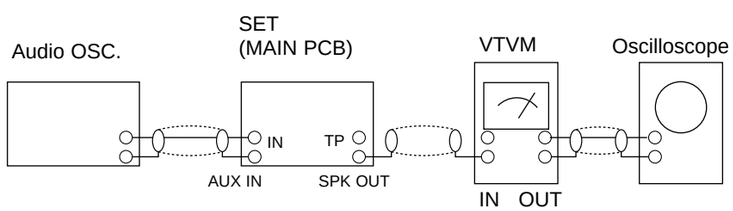


Figure 1-8

2-2. To Adjust PlayBack Level/REC

Notes

1) Before the actual adjustment, clean the play/recording head.
2) Measuring tape :
i) MTT-114N(or equivalent 10kHz AZIMUTH control)
ii) MTT-5512
3) The cassette deck is connections as shown in figure 1-7.

1. Adjust Deck 1 Play Level

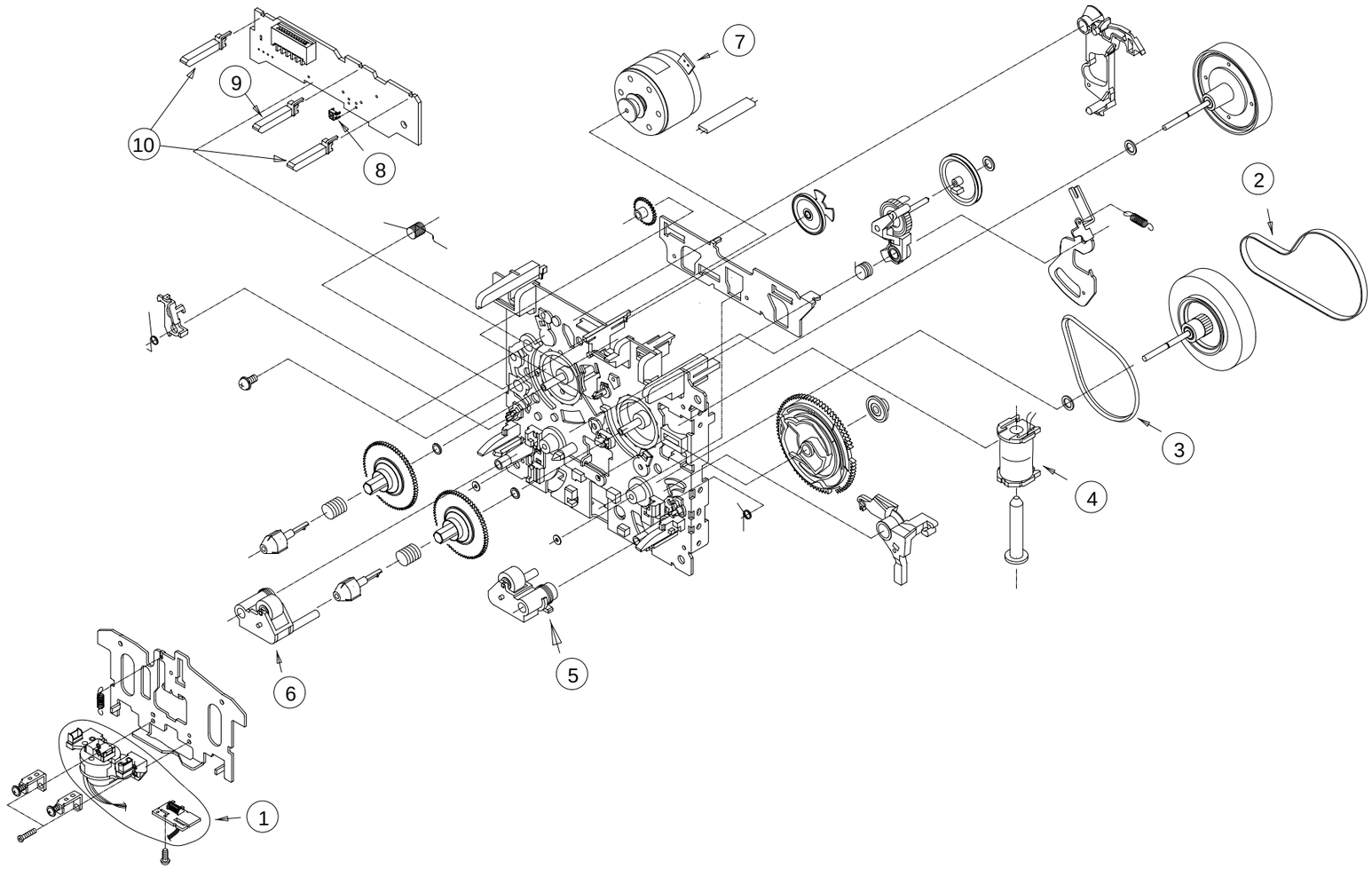
Step	Item	Pre-Setup Condition	Pre-Setup	To Adjust	Standard	Remark
1	AZIMUTH	SPK OUT (VTVM is connected to the scope)	After putting MTT-114N into Deck 1 - Press FWD PLAY button.	- Turn the control screw to as shown in Figure 1-6.	Max output and same phase (both channels)	After adjustment secure it with REGION LOCK.

2. Adjust Deck 2 Play Level/ REC BIAS

Step	Item	Pre-Setup Condition	Pre-Setup	To Adjust	Standard	Remark
1	AZIMUTH	SPK OUT (VTVM is connected to the scope)	After putting MTT-114N into Deck 2 - Press FWD PLAY button.	- Turn the control screw to as shown in Figure 1-6.	MAX OUTPUT and same phase (both channels)	After adjustment secure it with REGION LOCK.
2	Recording Bias Voltage	Fig 1-8	After putting MTT-5512 into Deck 2 1) Press REC PLAY button. 2) TAPE PCB JCW3 ,connected to VTVM	- Turn JSR2L,JSR2R to the right and left	CHECK TO 7mV(±0.5mV)	

2.Exploded Views and Parts List

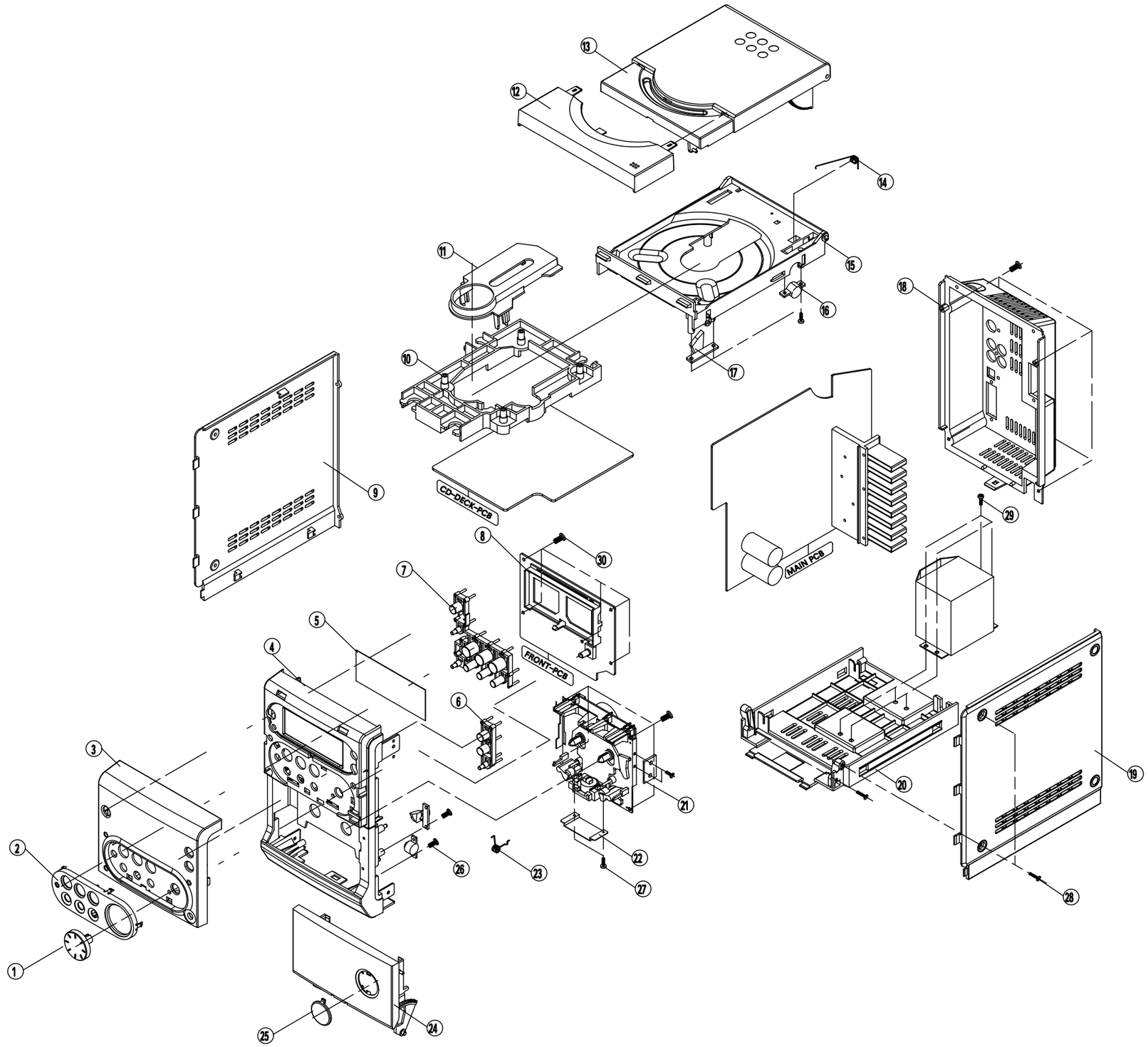
2-1 Cassette Deck (OPTION)



No.	Code No.	Description	Specification	Remarks
	AH59-01272A	DECK -CASSETTE	CMAL1Z230A	A/STOP
1	AH81-01386A	R/P HEAD ASS'Y	HADKH5655A	F513-853
2	AH81-01385A	MAIN BELT	MAIN BELT	
3	AH81-00543C	F/R BELT	FF19S-31	FF19S-31
4	AH81-00543D	SOLENOID	F765-292	F765-292
5	AH81-00543E	ROLLER PINCH BLK R	F514-129	F514-129
7	AH81-01356A	MOTOR	CCM09-120L2-6	
8	AH81-00543H	REEL SENSOR	SG-107F3;KODENSHI	
9	AH81-00543J	LEAF S/W - WHITE	SPLFF	
10	AH81-00543K	LEAF S/W - BLK	SPLFE1	

No.	Code No.	Description	Specification	Remarks
	AH59-01267A	DECK -CASSETTE	CMAL1Z230A	A/REV.
1	AH81-00543A	R/P HEAD ASS'Y	HADKH5655A	F513-853
2	AH81-00733A	MAIN BELT	MAIN BELT	
3	AH81-00543C	F/R BELT	FF19S-31	FF19S-31
4	AH81-00543D	SOLENOID	F765-292	F765-292
5	AH81-00543E	ROLLER PINCH BLK R	F514-129	F514-129
6	AH81-00543F	ROLLER PINCH BLK L	F514-130	F514-130
7	AH81-01356A	MOTOR	CCM09-120L2-6	
8	AH81-00543H	REEL SENSOR	SG-107F3;KODENSHI	
9	AH81-00543J	LEAF S/W - WHITE	SPLFF	
10	AH81-00543K	LEAF S/W - BLK	SPLFE1	

2-2 Total Exploded View and Parts List

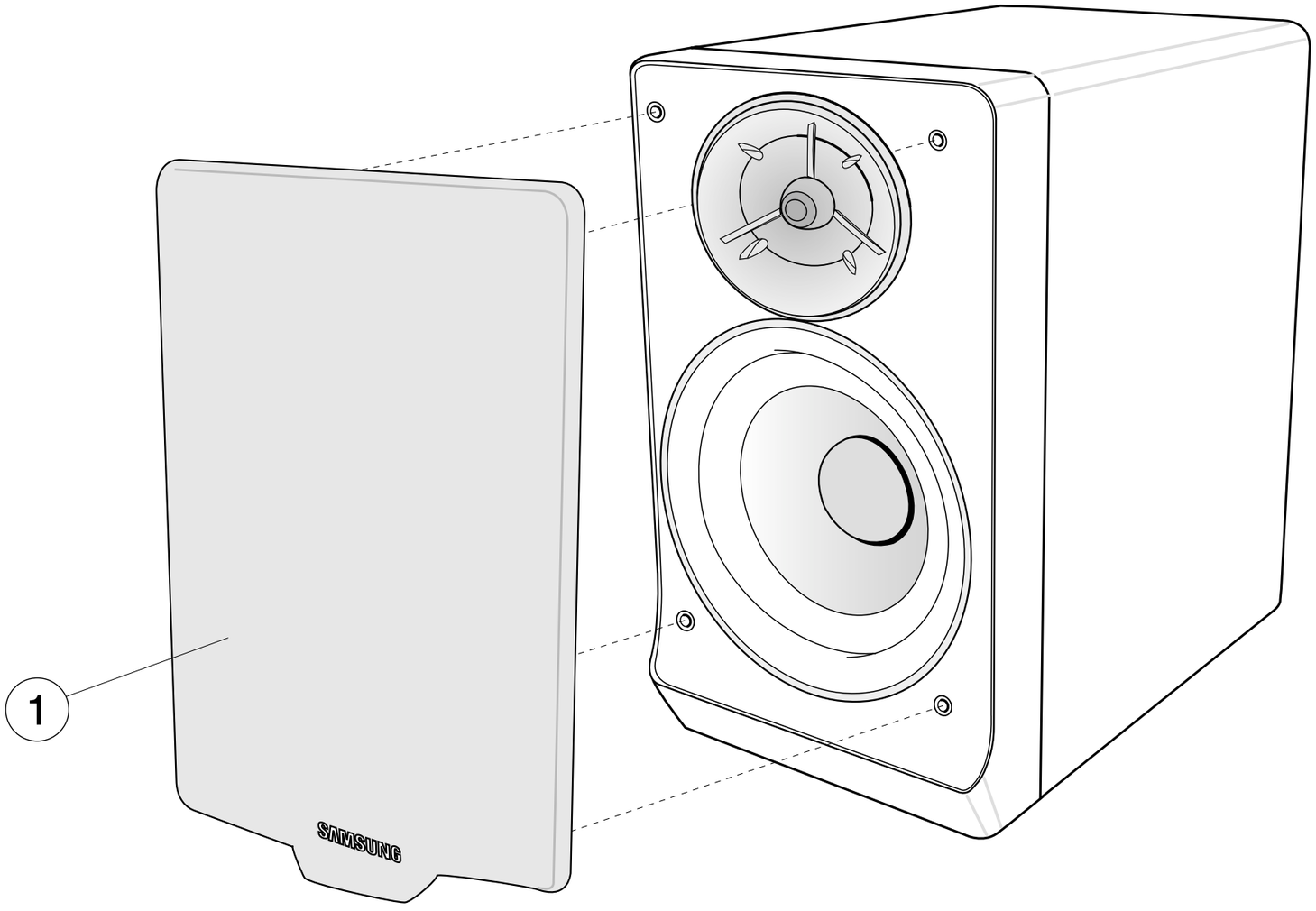


*** Parts List of The Exploded View**

NO	PART NAME	CODE NO.	Q'TY	REMARK
1	KNOB-VOLUME	AH64-02662B	1	
2	DECO-FRONT	AH64-02656B	1	
3	WINDOW-VFD	AH64-02657B	1	
4	CABINET-FRONT	AH64-02649B	1	
5	SHEET-VFD	AH63-00724A	1	
6	KNOB-SOUND	AH64-02661B	1	
7	KNOB-FUNCTION	AH64-02660B	1	
8	HOLDER-VFD	AH61-01416A	1	
9	CABINET-SIDE L	AH61-01416A	1	
10	HOLDER-CD	AH61-01417A	1	
11	CAP-PU	AH61-20529A	1	
12	WINDOW-CD	AH64-02664B	1	
13	DOOR-CD	AH64-02663B	1	
14	SPRING-CD	AH61-01149A	1	
15	CABINET-TOP	AH64-02655A	1	
16	DAMPER-ASS'Y	AH61-80030A	2	
17	LATCH-ASS'Y	AH95-50001A	2	
18	CABINET-REAR	AH64-02650B	1	
19	CABINET-SIDE R	AH64-02654A	1	
20	CABINET-BOTTOM	AH64-02652A	1	
21	HOLDER-DECK	AH61-01559A	1	
22	BRACKET-DECK	AH61-01533A	1	AUTO REVERSE
23	SPRING-DECK	AH61-01448A	1	
24	DOOR-CASS	AH64-02658B	1	
25	WINDOW-CASS	AH64-02659A	1	
26	SCREW M3*12 YEL	6003-000277	5	
27	SCREW M2.6*8 YEL	AH60-10020D	4	
28	SCREW M3*10 BLK	6003-000275	15	
29	SCREW M4*12 BLK	6002-000410	4	
30	SCREW M3*10 YEL	6003-000276	18	

2-3 SPEAKER Exploded View and Parts list

* CAUTION : It is used the bonding, connect FRONT PANEL to CABINET WOODEN.
So when the disassembly, take extreme care not to damage the SPEAKER.



PSZJ6 : AH81-01352A

No.	ITEM	Code No.	Q'ty
1	NET ASS'Y	AH81-01352D	1

3. Electrical Parts List

*S.N.A. : Service Not Available

Location no.	Code no.	Description & Specification	Remarks
	AH26-00265A	TRANS POWER;-,MM-J4/J6,-,-,115/230V,-,-	
	AH39-00257A	POWER CORD;CP2,250V,2.5A,1830MM	EUROPE
	AH39-00257D	POWER CORD;CP2,KS,250V,2.5A,1830MM	KOREA
	AH39-00320C	CBF COAXIAL CABLE;MAX-L68,110REC,-,1007#	
	AH39-50030D	WIRE HARNESS;RING/REC,200mm,1007#24,BLK	
	AH42-20001P	ANT LOOP;-,KS971120-01,18.5UH##10%,-	
	AH40-00043A	TUNER-PACK ASSY;FM/MW/LW,RDS,FM87.5~108.0MHz	EUROPE(RDS)
	AH40-00042A	TUNER-PACK ASSY;FM/MW/LW,RDS,FM64~108.0MHz	CIS(RDS)
	AH40-00044A	TUNER-PACK ASSY;FM/MW,MW520~1720KHz	ASIA(T-BAND)
	AH40-00045A	TUNER-PACK ASSY;FM/MW/LW,FM64~108.0MHz	CIS(NO RDS)
	AH40-00046A	TUNER-PACK ASSY;FM/MW/LW,FM87.5~108.0MHz	LW BAND
	AH40-00049A	TUNER-PACK ASSY;FM/MW/SW1/SW2	SW BAND
	AH59-01159J	REMOCON-ASSY;MM-ZJ6,SAMSUNG,-,-,27KEY,-,-	
	AH59-01293A	**DECK;CMS300-V,G4HI-1CD TOP,-,-,-,-,**	
LSW1	3409-001078	SWITCH-LEAF;16Vdc,500mA,10gf,SPST	
	3809-001554	CABLE-FLAT;30V,80C,85MM,16P,1MM,UL20696	
	6003-001210	SCREW-TAPTITE;PWH,+,B,M2.6,L6.0,ZPC(BLK)	
	AH61-01417A	CASE-TOP;MCD-CM600,PC CLEAR,-,-,-,-,PAC	
	AH61-20529A	CAP-PICK UP;RCD380,ABS,-,-,-,BLK,-	
	AH61-22002A	HOLDER-PCB;DVC-650S,NYLON 66,-,-,-,-,OD3	
	AH62-30048A	HEAT SINK;PBSS,-,T0.8,-,-,-,KCD-11/22,-	
	AH73-00010A	RUBBER---HOLDER;BUTYLENE,-,S-2000,-	
	AH73-00025B	RUBBER-CD;CMS-D100,BUTYL 15,-,-,-,-,-,-,	
	AH59-01082A	DECK-CDP;CMS-P31BG6,MM-B7,BALL,-,-,S0H-	
	AH30-00037A	PICK UP;SOH-AAU(1H20L),-,-,-,100*80*45	
	AH92-01992A	**ASSY PCB;G4HI-1CD,G4HI-1CD TOP**	
X201	2802-000211	RESONATOR-CERAMIC;16.93MHz,0.5%,TP,10.0x	
CW101	3708-001388	CONNECTOR-FPC/FFC/PIC;16P,1MM,ANGLE,SN,N	
CW103	3708-001691	CONNECTOR-FPC/FFC/PIC;18P,1.25MM,ANGLE,S	
CW102	3711-000826	CONNECTOR-HEADER;BOX,2P,1R,2mm,ANGLE,SN	
CW105	3711-000906	CONNECTOR-HEADER;BOX,3P,1R,2mm,ANGLE,SN	
CW104	3711-001136	CONNECTOR-HEADER;BOX,8P,1R,2mm,ANGLE,SN	
GND	AH39-00293A	CONNECT WIRE;RCA300,1007#26,-,1P,200MM,W	
D303	0401-000008	DIODE-SWITCHING;DAN217,80V,100MA,SOT-23,	
D301	0402-000151	DIODE-RECTIFIER;1N5392,100V,1.5A,DO-15,T	
ZD301	0403-000344	DIODE-ZENER;UZ3.9B,3.7-4.1V,500MW,DO-35,	
ZD302	0403-001220	DIODE-ZENER;UZ2.7BSB,2.7-2.9V,500MW,DO-3	
D302	0404-000144	DIODE-SCHOTTKY;SB01-05CP,50V,100MA,SOT-2	
Q301	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,	
Q101	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
Q302	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
IC301	1003-000179	IC-MOTOR DRIVER;KA9258D,SOP,28P,-,SINGLE	
IC202	1105-001261	IC-DRAM;12L1616A,16BIT,TSOP,50P,400MIL	
IC101	1204-001799	IC-ASP;KB9226,LQFP,48P,393MIL,PLASTIC	
IC201	1204-002230	IC-DECODER;S5L9279X01,TQFP,100P,-,PLASTI	
R101	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R110	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R212	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
R103	2007-000001	R-CHIP;68Kohm,5%,1/8W,TP,2012	
J40	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J7	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J9	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J22	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J21	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J20	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J17	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J13	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J10	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J34	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J30	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J27	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J23	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J24	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J26	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
J40	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J5	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J6	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J8	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J4	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J29	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J18	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J19	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J2	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J11	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J12	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J14	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J15	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J3	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J31	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J32	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
J35	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	

Location no.	Code no.	Description & Specification	Remarks
J28	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
R251	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	
R201L	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
R201R	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
R202R	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
R202L	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
R113	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R114	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
R125	2007-000308	R-CHIP;10ohm,5%,1/8W,TP,2012	
R120	2007-000338	R-CHIP;120Kohm,5%,1/8W,TP,2012	
R119	2007-000338	R-CHIP;120Kohm,5%,1/8W,TP,2012	
R117	2007-000409	R-CHIP;15Kohm,5%,1/8W,TP,2012	
R102	2007-000444	R-CHIP;180Kohm,5%,1/8W,TP,2012	
R108	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
R305	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
R112	2007-000477	R-CHIP;1Mohm,5%,1/8W,TP,2012	
R209	2007-000477	R-CHIP;1Mohm,5%,1/8W,TP,2012	
R109	2007-000546	R-CHIP;20Kohm,5%,1/8W,TP,2012	
R123	2007-000653	R-CHIP;27Kohm,5%,1/8W,TP,2012	
R213	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
R208	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
R207	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
R211	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R210	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R107	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R201	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R202	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R205	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R204	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R203	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R206	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R104	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R105	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R106	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	
R124	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
R118	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
R116	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R121	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R128	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R129	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R130	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R131	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
R111	2007-001177	R-CHIP;8.2Kohm,5%,1/8W,TP,2012	
R132	2007-001208	R-CHIP;82Kohm,5%,1/8W,TP,2012	
R127	2007-001208	R-CHIP;82Kohm,5%,1/8W,TP,2012	
R122	2007-001208	R-CHIP;82Kohm,5%,1/8W,TP,2012	
R115	2007-001208	R-CHIP;82Kohm,5%,1/8W,TP,2012	
R302	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
R126	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
R301	2007-001216	R-CHIP;82ohm,5%,1/8W,TP,2012	
C215	2202-000780	C-CERAMIC,MLC-AXIAL;100nF,+80-20%,50V,Y5	
C130	2203-000203	C-CER,CHIP;100nF,10%,16V,X7R,TP,2012,2mm	
C109	2203-000203	C-CER,CHIP;100nF,10%,16V,X7R,TP,2012,2mm	
C108	2203-000203	C-CER,CHIP;100nF,10%,16V,X7R,TP,2012,2mm	
C129	2203-000203	C-CER,CHIP;100nF,10%,16V,X7R,TP,2012,2mm	
C123	2203-000203	C-CER,CHIP;100nF,10%,16V,X7R,TP,2012,2mm	
C111	2203-000203	C-CER,CHIP;100nF,10%,16V,X7R,TP,2012,2mm	
C253	2203-000236	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,1608	
C252	2203-000236	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,1608	
C251	2203-000236	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,1608	
C112	2203-000239	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,2012	
C113	2203-000239	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,2012	
C114	2203-000239	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,2012	
C210	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C212	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C213	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C216	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C219	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C221	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C119	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C120	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C133	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C202	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C206	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C209	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C115	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C226	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C225	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C222	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
C126	2203-000495	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,2012	
C127	2203-000595	C-CER,CHIP;0.22NF,5%,50V,C0G,TP,2012	
C135	2203-000609	C-CER,CHIP;22nF,10%,50V,X7R,TP,2012	
C205	2203-000787	C-CER,CHIP;0.33NF,5%,50V,C0G,TP,2012	
C204	2203-000787	C-CER,CHIP;0.33NF,5%,50V,C0G,TP,2012	
C201	2203-000787	C-CER,CHIP;0.33NF,5%,50V,C0G,TP,2012	
C116	2203-000802	C-CER,CHIP;33nF,10%,50V,X7R,TP,2012	
C128	2203-000802	C-CER,CHIP;33nF,10%,50V,X7R,TP,2012	
C125	2203-000840	C-CER,CHIP;0.39NF,5%,50V,C0G,TP,2012	
C102	2203-000892	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,2012	

Location no.	Code no.	Description & Specification	Remarks
C103	2203-000892	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,2012	
C118	2203-000919	C-CER,CHIP;470nF,+80-20%,16V,Y5V,TP,2012	
C117	2203-000919	C-CER,CHIP;470nF,+80-20%,16V,Y5V,TP,2012	
C124	2203-001064	C-CER,CHIP;56NF,10%,50V,C0G,TP,2012	
C136	2203-001137	C-CER,CHIP;68nF,+80-20%,50V,Y5V,TP,2012,	
C122	2203-001137	C-CER,CHIP;68nF,+80-20%,50V,Y5V,TP,2012,	
C202R	2203-001537	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012	
C202L	2203-001537	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012	
C132	2203-001537	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012	
C110	2203-001537	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012	
C134	2203-001551	C-CER,CHIP;1.5nF,10%,50V,X7R,TP,2012	
C107	2203-001596	C-CER,CHIP;2200NF,+80-20%,50V,Y5V,TP,201	
C218	2203-001619	C-CER,CHIP;0.027nF,5%,50V,NP0,TP,2012	
C217	2203-001619	C-CER,CHIP;0.027nF,5%,50V,NP0,TP,2012	
C121	2401-000407	C-AL;10UF,20%,16V,GP,TP,3.5X5,2.5	
C301	2401-000778	C-AL;220uF,20%,10V,GP,-,6.3x11,2.5m	
C105	2401-001627	C-AL;6.8uF,20%,50V,GP,TP,6.3x7,2.5m	
C303	2401-001934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-	
C302	2401-001934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-	
C214	2401-001934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-	
C208	2401-001934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-	
C207	2401-001934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-	
C139	2401-001934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-	
C131	2401-001934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-	
C104	2401-001934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-	
C203	2401-001934	C-AL;220uF,20%,6.3V,GP,-,6.3x7,-	
C201R	2404-000367	C-TA,CHIP;4.7uF,20%,6.3V,-,-,3216	
C201L	2404-000367	C-TA,CHIP;4.7uF,20%,6.3V,-,-,3216	
B201R	3301-000297	BEAD-AXIAL;25ohm,3.6x1.2x5.7mm,,TP,,,	
B201L	3301-000297	BEAD-AXIAL;25ohm,3.6x1.2x5.7mm,,TP,,,	
BD202	3301-000353	BEAD-SMD;120ohm,2x1.25x0.9mm,200mA,TP,,	
BD201	3301-000353	BEAD-SMD;120ohm,2x1.25x0.9mm,200mA,TP,,	
PCB-CD MA	AH41-00668A	PCB-G4HI-1CD/DRAW/TOP;G3HI-1CD, FR1, 2,0	
	AH59-01326B	SPEAKER SYSTEM;PSZJ6E,-,-,-,-,-,-,ELS,MI	
	AH81-01352A	A/S PART-SPK SYSTEM;PS J6E,-,-,SPK SYSTE	
	AH81-01352B	A/S PART-FRONT PANEL;PS J6E,HIPS,-,FRON	
	AH81-01352C	A/S PART-FRONT DECO;PS J6E,-,-,FRONT DE	
	AH81-01352D	A/S PART-GRILL NET;PS J6E,-,-,GRILL NET	
	AH81-01352F	A/S PART-SPK UNIT;PS J6E,-,-,SPK UNIT,-,	
	AH81-01352G	A/S PART-FOOT;PS J6E,-,-,FOOT,-,-,A/S PA	
	AH81-01352H	A/S PART-NET HOLDER;PS J6E,-,-,NET HOLDE	
	AH81-01352J	A/S PART-WOOD CABINET;PS J6E,-,-,WOOD C	
	AH81-01352K	A/S PART-NET;PS J6E,-,-,NET,-,-,A/S PART	
	AH92-01987C	**ASSY PCB;MM-ZJ6,FRONT**	
RD4	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,	
RD3	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,	
RD2	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,	
RD1	0402-000157	DIODE-RECTIFIER;1N5402,200V,3A,DO-201AD,	
PC1	2201-002128	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,15X	
PC2	2201-002128	C-CERAMIC,DISC;4.7NF,20%,400V,Y5U,BK,15X	
UX2	2801-001394	CRYSTAL-UNIT;32.768KHz,20ppm,28-AAY,12.5	
UX1	2802-001174	RESONATOR-CERAMIC;10MHZ,0.5%,BK,8X3.5X3M	
SW1	3405-000101	SWITCH-MICRO;1.6V,1A,70gf,SPST	
UVR1	3406-001054	SWITCH-ROTARY;5V DC,0.5mA,-,7.5mm	
PF3	3601-000170	FUSE-CARTRIDGE;250V,1.6A,TIME-LAG,GLASS,	
PF2	3601-000207	FUSE-CARTRIDGE;250V,1A,TIME-LAG,GLASS,5.	
PF4	3601-000414	FUSE-CARTRIDGE;250V,5A,SLOW-BLOW,GLASS,5	
UWA6	3708-001488	CONNECTOR-FPC/FFC/PIC;30P,1.25MM,STRAIGH	
UWA9	3708-001692	CONNECTOR-FPC/FFC/PIC;18P,1.25MM,STRAIGH	
PWA1	3711-000190	CONNECTOR-HEADER;1WALL,2P,1R,7.92MM,STRA	
UWA2	3711-001009	CONNECTOR-HEADER;BOX,5P,1R,2.5mm,ANGLE,S	
PWA2	3711-003113	CONNECTOR-HEADER;BOX,9P,1R,2.5mm,STRAIGH	
HJACK1	3722-000351	JACK-PHONE;11P,3.5PI,AG,BLK,-	
VFD	AH07-00113A	VF DISPLAY;HNA-09MS17T,MM-J4/J6,100*25,1	
PL2	AH27-10001F	COIL-CHOKE;27uH,K,Q30,-,-,DR(6.5*7.5),-,	
PL1	AH27-10001F	COIL-CHOKE;27uH,K,Q30,-,-,DR(6.5*7.5),-,	
HWA1	AH39-00108A	LEAD CONNECTOR ASSY;-,5295,51004,2P,80MM	
UEYE	AH59-60010E	MODULE REMOCON;KSM-913TE5,-,-,25CM,G.T.#	
STDP1	AH65-30013A	CLAMP-CORD;-,-,-,-,-,-	
	AH81-01327T	A/S PART-POWE PCB;MM-J4,POWER PCB ASS'Y,	
	AH81-01327V	A/S PART-FRONT;MM-ZJ6,FRONT PCB ASS'Y,-,	
UD120	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
UD12	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
UD11	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
UD100	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
UD1	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
UD13	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
UD130	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
UD15	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
UD5	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
UD7	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
UD8	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
RD9	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD8	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD7	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD6	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD5	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD18	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UQ1	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
UIC1	0903-001273	IC-MICROCONTROLLER;LC87F67C8A,8BIT,QFP,1	
UR53	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	

Location no.	Code no.	Description & Specification	Remarks
UR60	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR61	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR54	2001-000258	R-CARBON;1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR58	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR51	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR113	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR43	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR42	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR41	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR38	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR1	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR45	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR44	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR100	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR206	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR16	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR24	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR23	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR101	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR10	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UR62	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR55	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR56	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
UR57	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
AR8R	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	
AR8L	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	
UJ3	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
UJ2	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
UJ1	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
JW25	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
JW7	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	
JW23	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
UR114	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
UR205	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
UR25	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	
UR203	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR204	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR71	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR72	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR73	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR202	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR86	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR118	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR119	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR200	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR201	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR80	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR82	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR83	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR84	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR85	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR79	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR74	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR75	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR76	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR77	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR78	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR93	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR92	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR91	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR90	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR87	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR88	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR89	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
UR50	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
UR48	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
UR2	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
UR115	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
UR64	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR94	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR99	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR14	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR15	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR17	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
UR68	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
UR59	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
UR52	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
UR112	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
UR111	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
UR4	2007-000477	R-CHIP;1Mohm,5%,1/8W,TP,2012	
UR18	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
UR103	2007-000565	R-CHIP;220Kohm,5%,1/8W,TP,2012	
UR63	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
UR19	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
UR102	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
UR5	2007-001024	R-CHIP;560Kohm,5%,1/8W,TP,2012	
UR3	2007-001654	R-CHIP;10Mohm,1%,1/8W,TP,2012	
RR12	2008-000135	R-FUSIBLE;1ohm,5%,1/2W,AA,TP,3.3x9mm	
RC1	2201-000163	C-CERAMIC,DISC;10NF,+80-20%,50V,Y5V,TP,7	
RC2	2201-000163	C-CERAMIC,DISC;10NF,+80-20%,50V,Y5V,TP,7	
AC5R	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
AC5L	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
AC4R	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	

Location no.	Code no.	Description & Specification	Remarks
AC4L	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
UC15	2202-000854	C-CERAMIC,MLC-AXIAL;47nF,30%,50V,Y5R,TP,	
UC10	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
UC12	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
UC3	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	
UC1	2203-001611	C-CER,CHIP;0.022nF,5%,50V,NP0,TP,2012	
UC2	2203-001611	C-CER,CHIP;0.022nF,5%,50V,NP0,TP,2012	
UC4	2401-000240	C-AL;100uF,20%,10V,GP,TP,5x11,5	
UC7	2401-000475	C-AL;10uF,20%,50V,GP,TP,5x11mm,5mm	
UC8	2401-000475	C-AL;10uF,20%,50V,GP,TP,5x11mm,5mm	
UC54	2401-000759	C-AL;220nF,20%,50V,GP,TP,5x11mm,5mm	
UC5	2401-001355	C-AL;470uF,20%,10V,GP,TP,8x11.5mm,5	
UE1	2401-001952	C-AL;4.7uF,20%,50V,GP,TP,5x7mm,5mm	
UC6	2401-001954	C-AL;4.7uF,20%,50V,GP,TP,5x11mm,5mm	
UC9	2401-001975	C-AL;47uF,20%,16V,GP,TP,5x11mm,5mm	
HL1R	2701-000177	INDUCTOR-AXIAL;33uH,10%,2534	
HL1L	2701-000177	INDUCTOR-AXIAL;33uH,10%,2534	
POWER	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
EQ	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
DOWN	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
CD	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
AUX	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
UP	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
TUNER	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
TAPE	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
STOP	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
SPEED CON	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
S.BASS	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
REPEAT	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
REC	3404-000165	SWITCH-TACT;12V,50mA,160gf,6x6mm,SPST	
PF4*2	3602-000147	FUSE-CLIP;250V,7.5A,30mohm	
PF3*2	3602-000147	FUSE-CLIP;250V,7.5A,30mohm	
PF1*2	3602-000147	FUSE-CLIP;250V,7.5A,30mohm	
	AH41-00628B	PCB-FRONT;MM-ZJ6,FR1,1,-,1.6T,329.7*197,	
	AH92-01988D	**ASSY PCB-MAIN PCB ASSY;MM-J4,MAIN**	
RQ2	0502-000419	TR-POWER;-,PNP,25W,TO-220F,BK,100-200	
RQ1	0503-001013	TR-DARLINGTON;2SD2494,NPN,60W,TO-3P,BK,6	
AIC1	1201-001026	IC-POWER AMP;7265,ZIP,11P,19.6MIL,DUAL,1	
RIC1	1203-000242	IC-POSI.FIXED REG.;7812,TO-220,3P;-,PLAS	
RIC3	1203-000276	IC-POSI.FIXED REG.;7805,TO-220,3P;-,PLAS	
FIC1	1204-001621	IC-VOLUME/TONE CONT.;LC75341,DIP,24P,300	
RR1	2003-000556	R-METAL OXIDE(S);2.2ohm,5%,2W,AA,TP,4x12	
RR2	2003-000767	R-METAL OXIDE(S);680ohm,5%,2W,AA,TP,4x12	
AC3R	2401-001883	C-AL;1000uF,20%,25V,GP,BK,16x25mm,5	
AC3L	2401-001883	C-AL;1000uF,20%,25V,GP,BK,16x25mm,5	
AC3	2401-001883	C-AL;1000uF,20%,25V,GP,BK,16x25mm,5	
RC4	2401-001942	C-AL;3300uF,20%,35V,GP,BK,18x35.5mm	
RC2	2401-003381	C-AL;3300uF,20%,63V,GP,BK,22x40,10	
	3103-001105	FAN-DC;12V,100MA,4000RPM,-,1.33MMH20	
FWA2	3708-000411	CONNECTOR-FPC/FFC/PIC;12P,1.25MM,STRAIGH	
CWA1	3708-000411	CONNECTOR-FPC/FFC/PIC;12P,1.25MM,STRAIGH	
FWA4	3708-001577	CONNECTOR-FPC/FFC/PIC;30P,1.25MM,STRAIGH	
QWA3	3711-000820	CONNECTOR-HEADER;BOX,2P,1R,2.5MM,STRAIGH	
JWA1	3711-001062	CONNECTOR-HEADER;BOX,6P,1R,2mm,STRAIGHT,	
SPK JACK	3716-001191	TERMINAL-BLOCK;SOLDER,4P,9.1MM,60V,7A	
AUX JACK	3722-000377	JACK-PIN;4P/2C,3.5mm,SN,BLK,#16~22	
JT1	AH26-00227A	TRANS RF;-,-,-,-,-,-,105KHZ,7.6 X 7.6,-	
JLF1R	AH27-10001T	COIL CHOKE;875-101-105K,MAX-S530,18MH##1	
JLF1L	AH27-10001T	COIL CHOKE;875-101-105K,MAX-S530,18MH##1	
AL3R	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-	
AL3L	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-	
AL2R	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-	
AL2L	AH27-90001A	COIL-SPRING;-,2.2UH,-,-,-,SPRING,-,-,-,-	
FWA1	AH39-00103A	LEAD CONNECTOR ASSY;-,5295,51004,8P,210M	
GND6	AH39-00134A	WIRE HARNESS;-,RING,1007#24,60MM,BLK,-,-	
RWA1	AH39-00295B	CONNECT WIRE;MM-ZJ6/J4,-,-,9P,-,-,-,5100	
AWA1	AH39-00352T	LEAD CONNECTOR ASSY;MM-B7,1007#22,-,5P,2	
GDN2	AH61-40022A	STUD-TAP;-,T0.5,BT2,-,-,-,-	
GDN1	AH61-40022A	STUD-TAP;-,T0.5,BT2,-,-,-,-	
AIC1-1	AH62-00114A	HEAT SINK-,M;MM-J6,AL EXTR,-,-,-,-,-,-	
GND3	AH65-30013A	CLAMP-CORD;-,-,-,-,-,-	
AD7	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD5	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD4	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD33	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD32	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD31	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
RD16	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
QD2	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
QD1	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
JD1	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD9	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD8	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD14	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD13	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD12	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD11	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD10	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD1	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD30	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD3	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD25	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	

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AD15	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD2	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
AD20	0401-000101	DIODE-SWITCHING;1N4148,75V,150MA,DO-35,T	
RD1	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD10	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD11	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD12	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
RD13	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
CD2	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD1L	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD1R	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD26	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
AD35	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
CD1	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
ZD02	0403-000354	DIODE-ZENER;UZ5.1B,4.8-5.4V,500MW,DO-35,	
ZD01L	0403-000372	DIODE-ZENER;UZ9.1BM,8.7-9.4V,500MW,DO-35	
RZD1	0403-000389	DIODE-ZENER;UZP30B,28-33V,1000MW,DO-41,T	
RZD2	0403-000391	DIODE-ZENER;UZP36B,34-39V,1000MW,DO-41,T	
RZD3	0403-000393	DIODE-ZENER;UZP5.1B,4.8-5.4V,1000MW,DO-4	
FZD1	0403-000399	DIODE-ZENER;UZP9.1B,8.5-9.6V,1000MW,DO-4	
RZD4	0403-001010	DIODE-ZENER;UZ5.6BCC,5.64-5.88V,500MW,DO	
JQ4	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,	
AQ6	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,	
AQ5	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,	
AQ3	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,	
QQ1	0501-000294	TR-SMALL SIGNAL;KSA708-Y,PNP,800mW,TO-92	
JQ3	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
CQ7	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
CQ5	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
CQ2	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
CQ1	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
RQ5	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,T	
QQ2	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-9	
FQ1R	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-9	
FQ1L	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-9	
AQ1R	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-9	
AQ1L	0501-000407	TR-SMALL SIGNAL;KSD471A-Y,NPN,800mW,TO-9	
RQ6	0501-000422	TR-SMALL SIGNAL;KTA1273,PNP,-30V,-30V,-2	
RQ3	0501-000422	TR-SMALL SIGNAL;KTA1273,PNP,-30V,-30V,-2	
JQ2	0501-000422	TR-SMALL SIGNAL;KTA1273,PNP,-30V,-30V,-2	
CQ4	0501-000422	TR-SMALL SIGNAL;KTA1273,PNP,-30V,-30V,-2	
CQ3	0501-000422	TR-SMALL SIGNAL;KTA1273,PNP,-30V,-30V,-2	
JQ2R	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	
JQ2L	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	
JQ1R	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	
JQ1L	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	
CQ8	0501-002408	TR-SMALL SIGNAL;MPS751,PNP,625MW,T0-92,-	
CQ6	0501-002408	TR-SMALL SIGNAL;MPS751,PNP,625MW,T0-92,-	
RQ4	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
AQ7	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
AQ4	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
AQ1	0504-000118	TR-DIGITAL;KSR1003,NPN,300MW,22K/22K,TO-	
JQ1	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
AQ2	0504-001003	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-	
FQ1	0504-001003	TR-DIGITAL;KSR2003,PNP,300MW,22K/22K,TO-	
JIC1	1201-001899	IC-PREAMP;HA12237F,QFP,40P,7X7MM,-,-,PLA	
AR6L	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm	
AR6R	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm	
JR33L	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR33R	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RR13	2001-000016	R-CARBON(S);1OHM,5%,1/2W,AA,TP,2.4X6.4MM	
PR1	2001-000022	R-CARBON(S);33OHM,5%,1/2W,AA,TP,2.4X6.4M	
PR2	2001-000027	R-CARBON;100OHM,5%,1/4W,AA,TP,2.4X6.4MM	
PR4	2001-000027	R-CARBON;100OHM,5%,1/4W,AA,TP,2.4X6.4MM	
RR9	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
RR10	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
CR9	2001-000034	R-CARBON;220OHM,5%,1/4W,AA,TP,2.4X6.4MM	
AR19	2001-000042	R-CARBON;1KOHM,5%,1/4W,AA,TP,2.4X6.4MM	
RR7	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA,TP,2.4X6.	
RR6	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA,TP,2.4X6.	
AR13	2001-000052	R-CARBON(S);3.3KOHM,5%,1/2W,AA,TP,2.4X6.	
CR20	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR13	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR10	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR15	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
FR9L	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
ER001	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR7	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR1R	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR1L	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CR18	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR10	2001-000435	R-CARBON;1MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR2L	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
AR3L	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
QR4	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR13R	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR13L	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
FR1	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR21	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
FR11R	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
FR11L	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RR3	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR14	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

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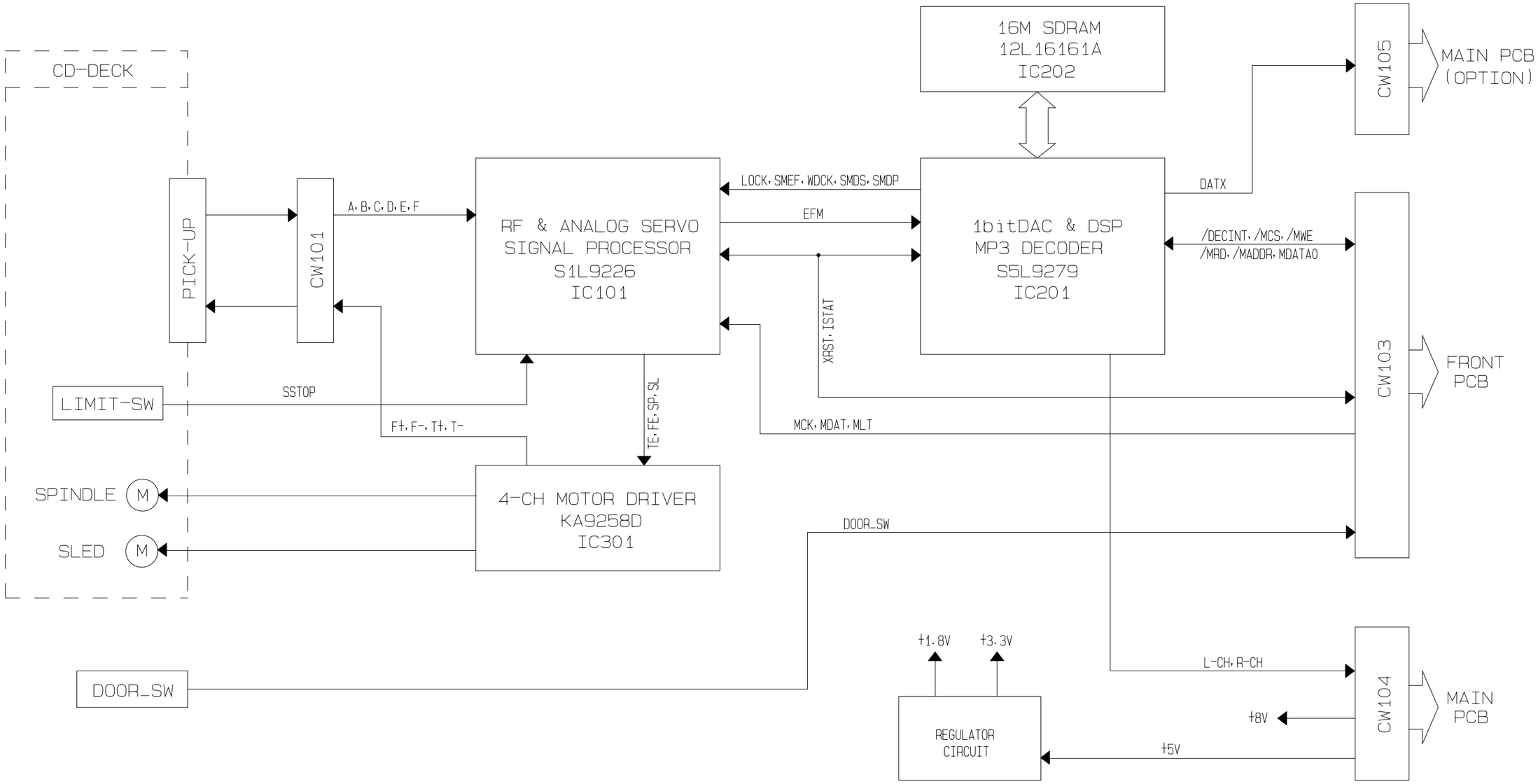
JR1	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR15	2001-000522	R-CARBON;22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR5L	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RR8	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR16	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR15	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
AR14	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR11	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CR12	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
JR12	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR18	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR1	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
QR2	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR17	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR18	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR8	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR11	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AR4L	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JR6	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP,2.4X6.4	
JR8	2001-001096	R-CARBON(S);2.2OHM,5%,1/2W,AA,TP,2.4X6.4	
RR5	2001-001138	R-CARBON(S);390OHM,5%,1/2W,AA,TP,2.4X6.4	
RR14	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
AR7R	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
AR7L	2001-001146	R-CARBON(S);4.7OHM,5%,1/2W,AA,TP,2.4X6.4	
AR9L	2001-001163	R-CARBON(S);560OHM,5%,1/2W,AA,TP,2.4X6.4	
AR9R	2001-001163	R-CARBON(S);560OHM,5%,1/2W,AA,TP,2.4X6.4	
RR4	2001-001178	R-CARBON(S);680OHM,5%,1/2W,AA,TP,2.4X6.4	
CR14	2001-001178	R-CARBON(S);680OHM,5%,1/2W,AA,TP,2.4X6.4	
CR13	2001-001178	R-CARBON(S);680OHM,5%,1/2W,AA,TP,2.4X6.4	
RR11	2003-000534	R-METAL OXIDE(S);1Kohm,5%,1W,AA,TP,3.3x9	
CR8	2007-000001	R-CHIP;68Kohm,5%,1/8W,TP,2012	
JW108	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
JW106	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
JW105	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
JW104	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
JW103	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
JW102	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
JW101	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	
JR6R	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
JR6L	2007-000267	R-CHIP;1.8Kohm,5%,1/8W,TP,2012	
JR7R	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
JR7L	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
AR9	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
AR10	2007-000282	R-CHIP;100Kohm,5%,1/8W,TP,2012	
CR18A	2007-000290	R-CHIP;100ohm,5%,1/8W,TP,2012	
JR12L	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
JR12R	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
JR16	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
JR7	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
FR9R	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
AR1L	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
AR1R	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
CR1	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
CR2	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	
FR9R	2007-000355	R-CHIP;12Kohm,5%,1/8W,TP,2012	
FR10R	2007-000355	R-CHIP;12Kohm,5%,1/8W,TP,2012	
FR10L	2007-000355	R-CHIP;12Kohm,5%,1/8W,TP,2012	
FR4R	2007-000409	R-CHIP;15Kohm,5%,1/8W,TP,2012	
FR4L	2007-000409	R-CHIP;15Kohm,5%,1/8W,TP,2012	
CR5	2007-000409	R-CHIP;15Kohm,5%,1/8W,TP,2012	
CR4	2007-000409	R-CHIP;15Kohm,5%,1/8W,TP,2012	
FR3R	2007-000457	R-CHIP;18Kohm,5%,1/8W,TP,2012	
FR3L	2007-000457	R-CHIP;18Kohm,5%,1/8W,TP,2012	
FR2R	2007-000457	R-CHIP;18Kohm,5%,1/8W,TP,2012	
FR2L	2007-000457	R-CHIP;18Kohm,5%,1/8W,TP,2012	
JR9	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
JR21	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
FR13	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
FR12	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
FR11	2007-000468	R-CHIP;1Kohm,5%,1/8W,TP,2012	
JR5	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
AR3R	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
AR2R	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
AR2	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	
AR6	2007-000546	R-CHIP;20Kohm,5%,1/8W,TP,2012	
CR25	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
CR26	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
CR3	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
JR2	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
AR7	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
AR1	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
AR11	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
AR12	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
AR4	2007-000586	R-CHIP;22Kohm,5%,1/8W,TP,2012	
AR5R	2007-000635	R-CHIP;270Kohm,5%,1/8W,TP,2012	
JR3	2007-000686	R-CHIP;3.3Kohm,5%,1/8W,TP,2012	
JR10R	2007-000710	R-CHIP;3.9Kohm,5%,1/8W,TP,2012	
JR10L	2007-000710	R-CHIP;3.9Kohm,5%,1/8W,TP,2012	
FR8R	2007-000710	R-CHIP;3.9Kohm,5%,1/8W,TP,2012	
FR8L	2007-000710	R-CHIP;3.9Kohm,5%,1/8W,TP,2012	
JR32R	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
JR32L	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
CR6	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	

Location no.	Code no.	Description & Specification	Remarks
CR3	2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	
AR5	2007-000830	R-CHIP;39Kohm,5%,1/8W,TP,2012	
RR30	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
JR31R	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
JR31L	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
JR30R	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
JR30L	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
FR5R	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
FR5L	2007-000872	R-CHIP;4.7Kohm,5%,1/8W,TP,2012	
JR17	2007-000941	R-CHIP;47Kohm,5%,1/8W,TP,2012	
AR4R	2007-001039	R-CHIP;56Kohm,5%,1/8W,TP,2012	
JR5L	2007-001071	R-CHIP;6.8Kohm,5%,1/8W,TP,2012	
JR5R	2007-001071	R-CHIP;6.8Kohm,5%,1/8W,TP,2012	
AR3	2007-001111	R-CHIP;680Kohm,1%,1/10W,TP,1608	
FR1R	2007-001177	R-CHIP;8.2Kohm,5%,1/8W,TP,2012	
FR1L	2007-001177	R-CHIP;8.2Kohm,5%,1/8W,TP,2012	
CR15A	2007-001208	R-CHIP;82Kohm,5%,1/8W,TP,2012	
CR17	2007-001208	R-CHIP;82Kohm,5%,1/8W,TP,2012	
CVR1	2103-000341	VR-SEMI;2Kohm,30%,1/10W,TOP	
PC7	2201-000532	C-CERAMIC,DISC;4.7NF,10%,50V,Y5P,TP,8X3.	
AC7L	2201-000547	C-CERAMIC,DISC;4.7NF,20%,500V,Y5T,TP,14X	
PC5	2201-000565	C-CERAMIC,DISC;47nF,+80-20%,-,,-,12.5x4m	
PC2	2201-000565	C-CERAMIC,DISC;47nF,+80-20%,-,,-,12.5x4m	
AC8R	2201-000565	C-CERAMIC,DISC;47nF,+80-20%,-,,-,12.5x4m	
AC8L	2201-000565	C-CERAMIC,DISC;47nF,+80-20%,-,,-,12.5x4m	
JC4L	2201-000783	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
JC4R	2201-000783	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
AC113	2202-000780	C-CERAMIC,MLC-AXIAL;100nF,+80-20%,50V,Y5	
JC6R	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,	
AC112	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,	
AC111	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,	
AC110	2202-000797	C-CERAMIC,MLC-AXIAL;10NF,30%,16V,Y5S,TP,	
AC7R	2202-000817	C-CERAMIC,MLC-AXIAL;4.7nF,20%,16V,Y5R,TP	
AC6R	2202-000817	C-CERAMIC,MLC-AXIAL;4.7nF,20%,16V,Y5R,TP	
AC6L	2202-000817	C-CERAMIC,MLC-AXIAL;4.7nF,20%,16V,Y5R,TP	
EMC2	2202-000854	C-CERAMIC,MLC-AXIAL;47nF,30%,50V,Y5R,TP,	
EC1L	2203-000239	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,2012	
EC1R	2203-000239	C-CER,CHIP;0.1NF,5%,50V,C0G,TP,2012	
JC6L	2203-000260	C-CER,CHIP;10nF,10%,50V,X7R,TP,2012	
JC7L	2203-000323	C-CER,CHIP;12nF,10%,50V,X7R,TP,2012,-	
JC7R	2203-000323	C-CER,CHIP;12nF,10%,50V,X7R,TP,2012,-	
FC1L	2203-000595	C-CER,CHIP;0.22NF,5%,50V,C0G,TP,2012	
FC11	2203-000595	C-CER,CHIP;0.22NF,5%,50V,C0G,TP,2012	
FC10	2203-000595	C-CER,CHIP;0.22NF,5%,50V,C0G,TP,2012	
JC11	2203-000595	C-CER,CHIP;0.22NF,5%,50V,C0G,TP,2012	
JC10	2203-000595	C-CER,CHIP;0.22NF,5%,50V,C0G,TP,2012	
FC9	2203-000595	C-CER,CHIP;0.22NF,5%,50V,C0G,TP,2012	
FC1R	2203-000595	C-CER,CHIP;0.22NF,5%,50V,C0G,TP,2012	
JC1R	2203-001518	C-CER,CHIP;1.8nF,10%,50V,X7R,TP,2012,-	
JC1L	2203-001518	C-CER,CHIP;1.8nF,10%,50V,X7R,TP,2012,-	
JC20R	2203-001537	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012	
JC20L	2203-001537	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012	
AC2R	2203-001537	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012	
AC2L	2203-001537	C-CER,CHIP;1nF,10%,50V,X7R,TP,2012	
FC5R	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x	
FC6L	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x	
FC6R	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x	
FC5L	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x	
AC12R	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x	
AC12L	2301-000375	C-FILM,LEAD-PEF;100nF,5%,50V,TP,11x12.5x	
JC3R	2301-000379	C-FILM,LEAD-PEF;10nF,10%,50V,TP,6x12x3.5	
JC3L	2301-000379	C-FILM,LEAD-PEF;10nF,10%,50V,TP,6x12x3.5	
JC7	2301-000390	C-FILM,LEAD-PEF;15nF,10%,50V,TP,7x12x3.5	
JC6	2301-000404	C-FILM,LEAD-PEF;2.2nF,10%,50V,TP,5.5x12x	
JC9	2301-000407	C-FILM,LEAD-PEF;2.7nF,10%,50V,TP,5.5x12x	
FC4R	2301-000407	C-FILM,LEAD-PEF;2.7nF,10%,50V,TP,5.5x12x	
FC4L	2301-000407	C-FILM,LEAD-PEF;2.7nF,10%,50V,TP,5.5x12x	
RC10	2401-000240	C-AL;100uF,20%,10V,GP,TP,5x11,5	
PC6	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
PC4	2401-000303	C-AL;100uF,20%,25V,GP,TP,6.3x11,5	
RC11	2401-000325	C-AL;100uF,20%,35V,GP,-,8x11.5,3.5m	
RC8	2401-000357	C-AL;100uF,20%,50V,GP,-,8x11.5,3.5m	
FC1	2401-000438	C-AL;10UF,20%,25V,GP,-,5X11,5	
AC6	2401-000438	C-AL;10UF,20%,25V,GP,-,5X11,5	
AC1	2401-000438	C-AL;10UF,20%,25V,GP,-,5X11,5	
RC7	2401-000475	C-AL;10uF,20%,50V,GP,TP,5x11mm,5mm	
FC8R	2401-000649	C-AL;2.2uF,20%,50V,BP,TP,5x11,5	
FC8L	2401-000649	C-AL;2.2uF,20%,50V,BP,TP,5x11,5	
RC5	2401-000830	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
FC7	2401-000907	C-AL;22uF,20%,16V,GP,TP,5x11mm,5mm	
AC2	2401-000970	C-AL;22uF,20%,50V,WT,TP,5x11,5	
QC1	2401-001511	C-AL;47uF,20%,16V,GP,TP,6x7mm,5mm	
RC9	2401-001572	C-AL;47uF,20%,50V,GP,TP,6.3x11mm,5m	
AC50	2401-001572	C-AL;47uF,20%,50V,GP,TP,6.3x11mm,5m	
PC3	2401-001893	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
PC1	2401-001893	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
JC3	2401-001893	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
CC1	2401-001893	C-AL;100uF,20%,16V,GP,TP,6.3x7,5	
QC2	2401-001895	C-AL;100uF,20%,16V,GP,TP,6.3x11,2.5	
RC6	2401-001912	C-AL;1uF,20%,50V,GP,BK,5x11mm,2mm	
JC8R	2401-001912	C-AL;1uF,20%,50V,GP,BK,5x11mm,2mm	
JC8L	2401-001912	C-AL;1uF,20%,50V,GP,BK,5x11mm,2mm	
JC30	2401-001912	C-AL;1uF,20%,50V,GP,BK,5x11mm,2mm	

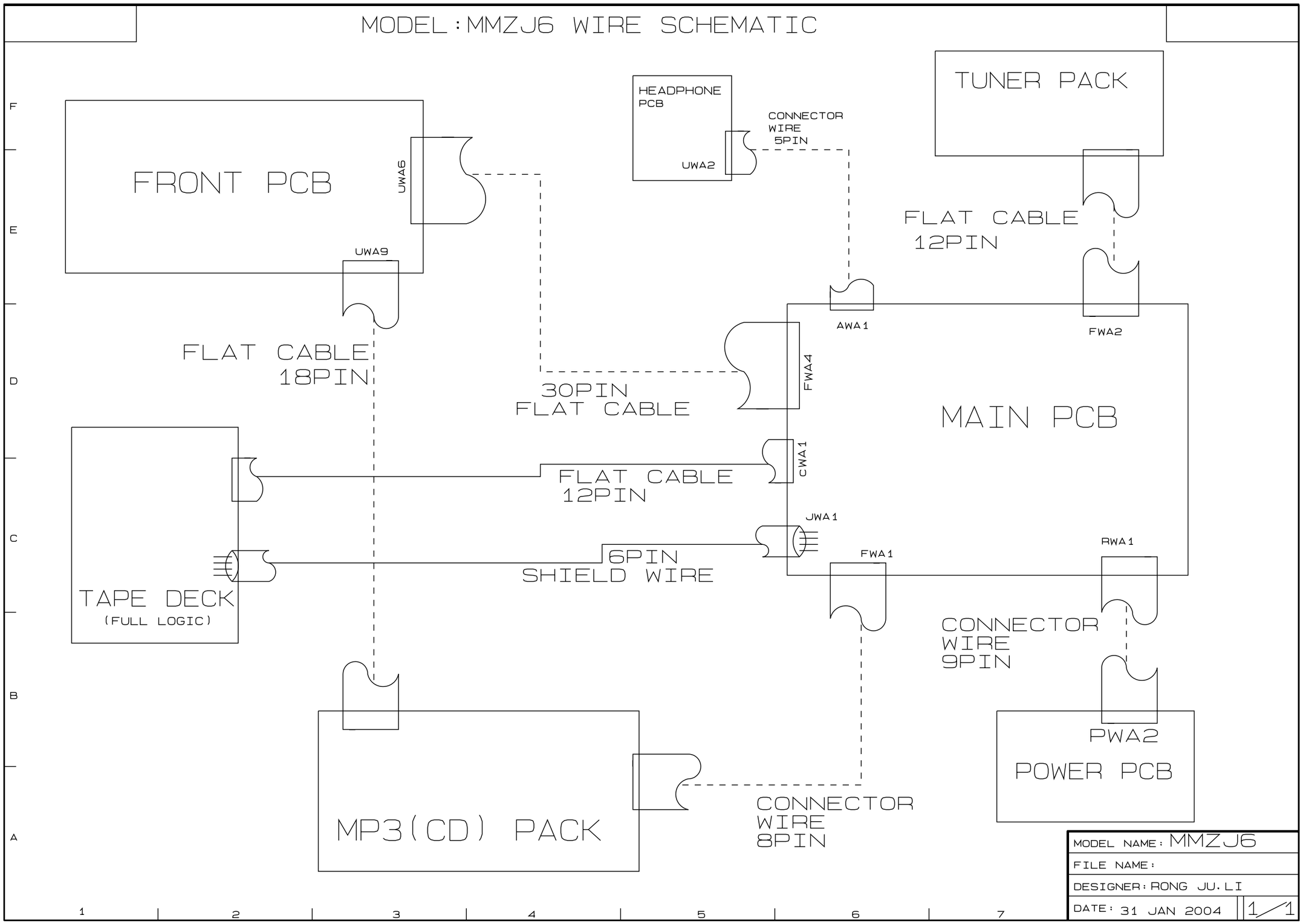
Location no.	Code no.	Description & Specification	Remarks
AC1L	2401-001912	C-AL;1uF,20%,50V,GP,BK,5x11mm,2mm	
AC1R	2401-001912	C-AL;1uF,20%,50V,GP,BK,5x11mm,2mm	
JC1	2401-001912	C-AL;1uF,20%,50V,GP,BK,5x11mm,2mm	
JC5R	2401-001954	C-AL;4.7uF,20%,50V,GP,TP,5x11mm,5mm	
JC5L	2401-001954	C-AL;4.7uF,20%,50V,GP,TP,5x11mm,5mm	
JC4	2401-001954	C-AL;4.7uF,20%,50V,GP,TP,5x11mm,5mm	
JC2	2401-001954	C-AL;4.7uF,20%,50V,GP,TP,5x11mm,5mm	
AC9	2401-001954	C-AL;4.7uF,20%,50V,GP,TP,5x11mm,5mm	
JC2R	2401-001975	C-AL;47uF,20%,16V,GP,TP,5x11mm,5mm	
JC2L	2401-001975	C-AL;47uF,20%,16V,GP,TP,5x11mm,5mm	
JC9L	2401-002180	C-AL;2.2uF,20%,50V,GP,TP,5x11mm,5mm	
JC9R	2401-002180	C-AL;2.2uF,20%,50V,GP,TP,5x11mm,5mm	
MC11L	2401-002180	C-AL;2.2uF,20%,50V,GP,TP,5x11mm,5mm	
MC11R	2401-002180	C-AL;2.2uF,20%,50V,GP,TP,5x11mm,5mm	
MC14L	2401-002180	C-AL;2.2uF,20%,50V,GP,TP,5x11mm,5mm	
MC14R	2401-002180	C-AL;2.2uF,20%,50V,GP,TP,5x11mm,5mm	
FC3R	2401-002180	C-AL;2.2uF,20%,50V,GP,TP,5x11mm,5mm	
AC4	2401-002180	C-AL;2.2uF,20%,50V,GP,TP,5x11mm,5mm	
FC11L	2401-002180	C-AL;2.2uF,20%,50V,GP,TP,5x11mm,5mm	
FC11R	2401-002180	C-AL;2.2uF,20%,50V,GP,TP,5x11mm,5mm	
FC2L	2401-002180	C-AL;2.2uF,20%,50V,GP,TP,5x11mm,5mm	
FC2R	2401-002180	C-AL;2.2uF,20%,50V,GP,TP,5x11mm,5mm	
FC3L	2401-002180	C-AL;2.2uF,20%,50V,GP,TP,5x11mm,5mm	
QL1	2701-000298	INDUCTOR-AXIAL;470uH,10%,4298	
	AH41-00627A	PCB MAIN;MM-J4/J6,FR1,1,-,1.6T,197*247,	
	AH97-01247A	**ASSY-CA'DECK;-,MMJ4/J6EUROOP,-**	
	AH39-00064B	CONNECT WIRE;MM-J6,-,-,6P,-,-,-,51004,-,	
	AH59-01272A	**DECK-CASSETTE;CMAL6Z212A,MM-J4,-,-,DC12V**	
	AH60-10020D	SCREW;-,-,L8,YEL,+,-,-,M2.6,-,-	
	AH61-01559A	HOLDER-DECK;MM-J4,ABS 94HB,-,-,-,-,-	

4. Block Diagram

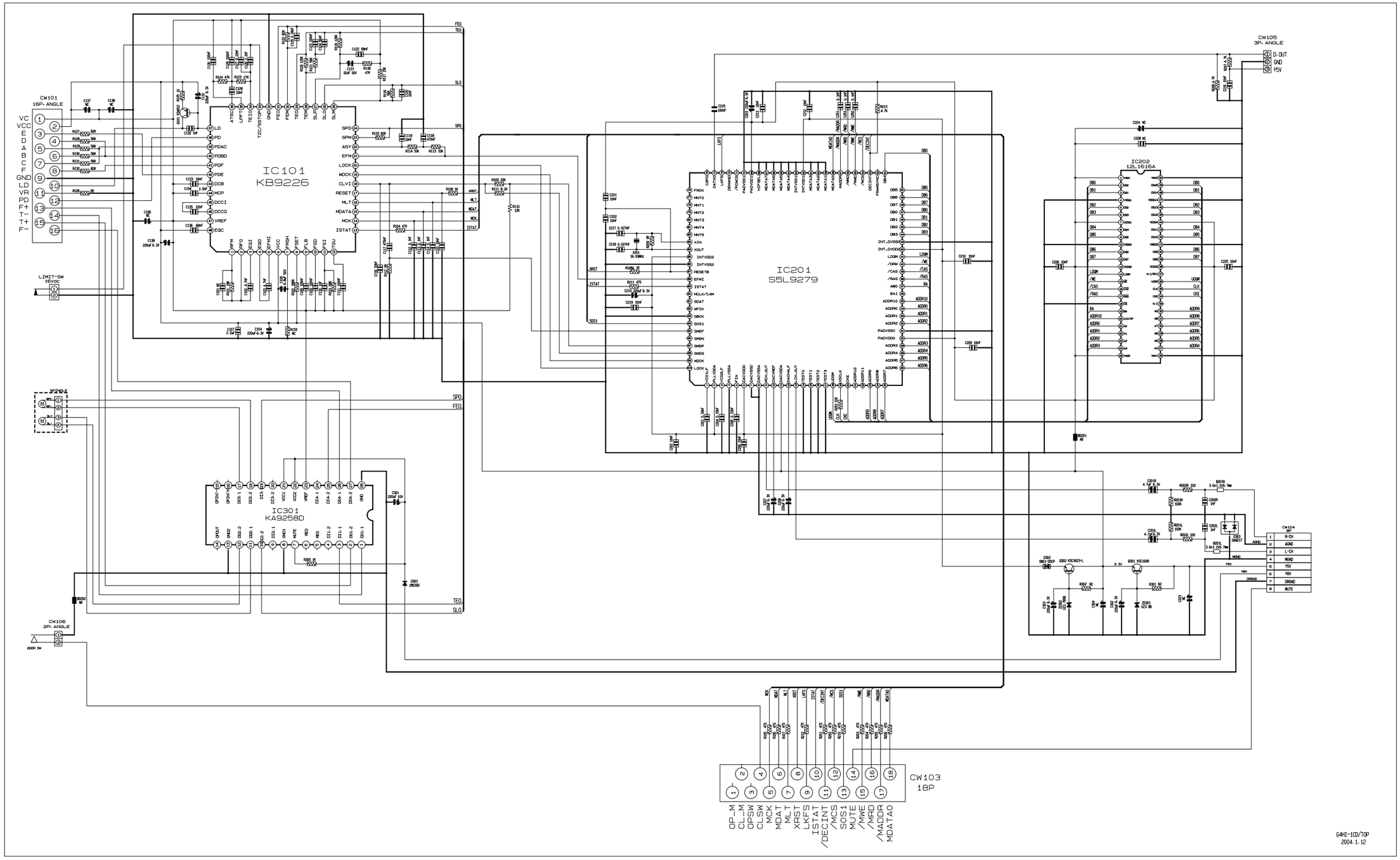
4-1 CD Part



5. Wiring Diagram



6-1 CD Part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IC202
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IC301
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CW103
18P
CW104
8P
CW105
3P ANGLE
CW106
2P ANGLE
LIMIT-SW
16VDC
DOOR SW
OP_M
CL_M
OPSW
CLSW
MCK
MDAT
MLT
XRST
LKFS
ISTAT
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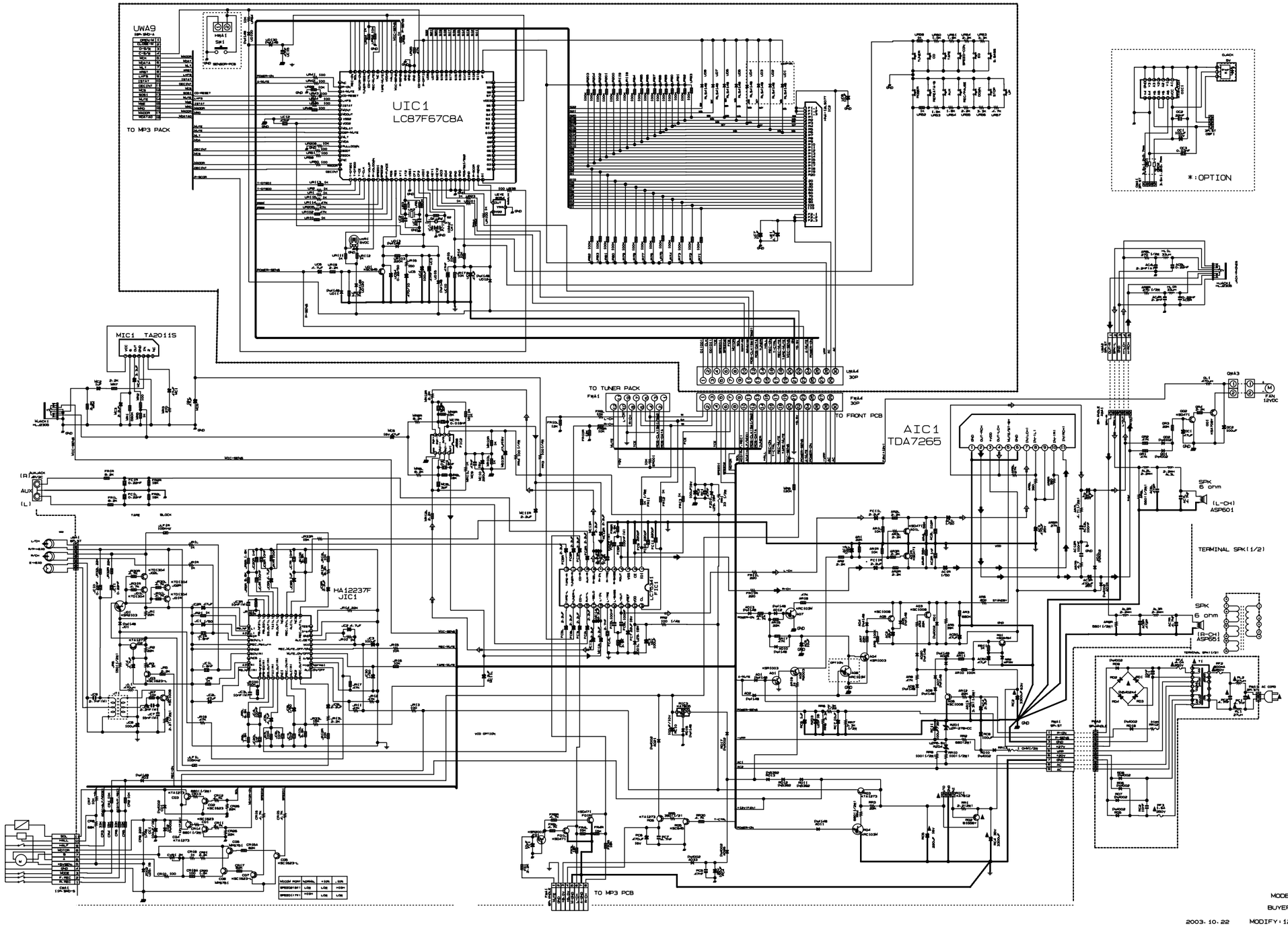
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HWA1
SW1
SENSOR PCB
TO MP3 PACK
UIC1
LC87F67C8A
MIC1 TA2011S
TO TUNER PACK
FWA1
FWA4
30P
TO FRONT PCB
AIC1
TDA7265
QWA3
FAN
12VDC
SPK
6 ohm
(L-CH)
ASP601
TERMINAL SPK(1/2)
SPK
6 ohm
(R-CH)
ASP601
*:OPTION
HA12237F
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TO MP3 PCB
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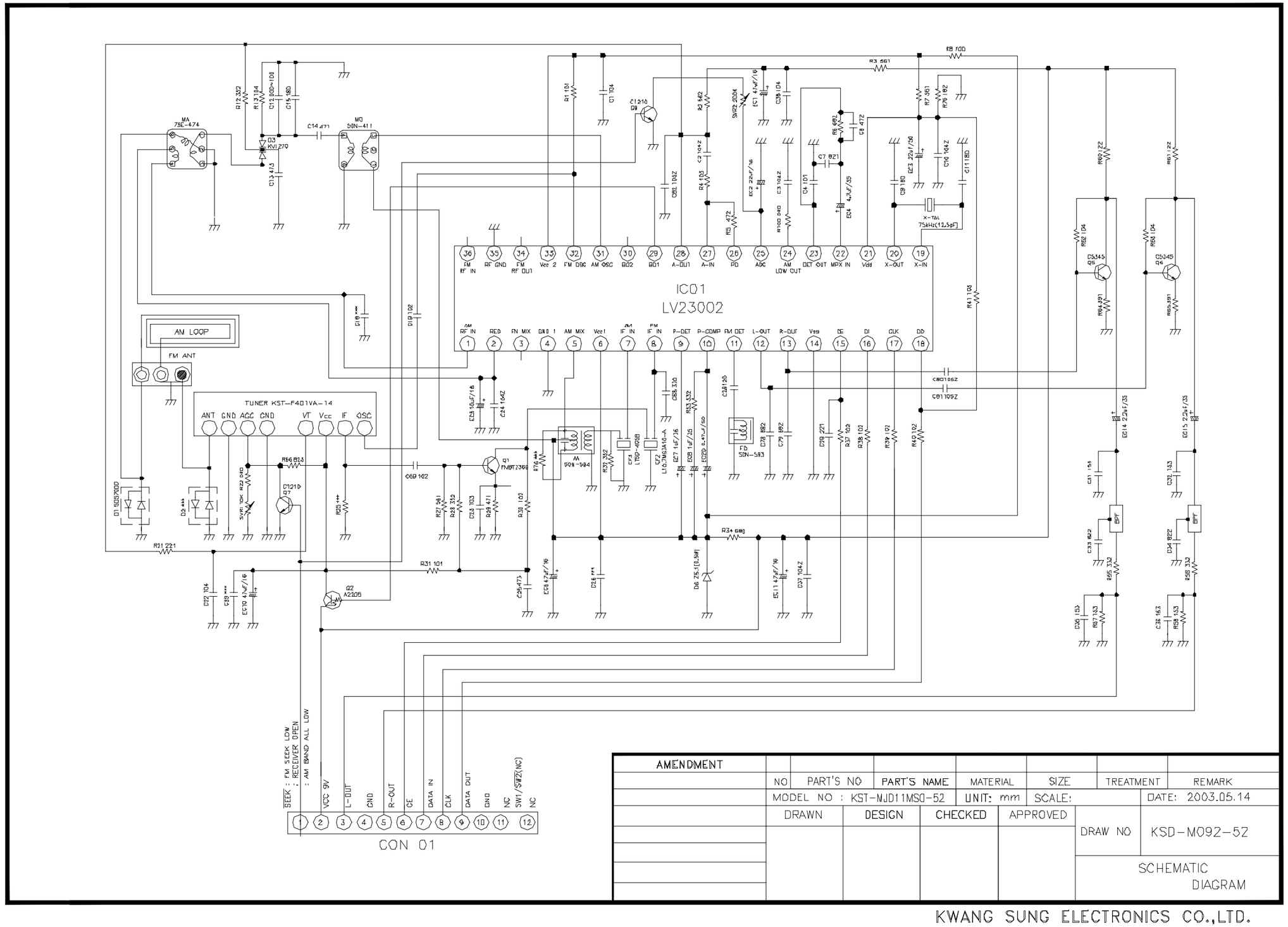

AMENDMENT	NO	PART'S NO	PART'S NAME	MATERIAL	SIZE	TREATMENT	REMARK
	MODEL NO : KST-NJD11MSD-52			UNIT: mm	SCALE:		DATE: 2003.05.14
	DRAWN	DESIGN	CHECKED	APPROVED	DRAW NO	KSD-M092-52	
					SCHEMATIC DIAGRAM		

KWANG SUNG ELECTRONICS CO.,LTD.